

AMENDMENT

Please amend the claims as follows:

In the Claims:

Please replace presently pending claim 1 with the following claim 1:

B¹

1. (Amended) A nude mouse model for human neoplastic disease, wherein said mouse has histologically intact human neoplastic tissue of at least 1 mm³ in size transplanted onto an organ of said mouse which corresponds to the human organ from which said tissue is originally obtained; and

has sufficient immuno-deficiency to allow said transplanted neoplastic tissue to grow and metastasize, so as to mimic the progression of the neoplastic disease in the human donor.

Please replace presently pending claim 11 with the following claim 11:

B²

11. (Amended) A method of generating a nude mouse model for human neoplastic disease, said method comprising:

transplanting histologically intact human neoplastic tissue of at least 1 mm³ in size transplanted onto an organ of a nude mouse which corresponds to the human organ from which said tissue is originally obtained; and

allowing said transplanted tissue to grow and metastasize, so as to mimic progression of the neoplastic disease in the human donor.

Please replace presently pending claim 13 with the following claim 13:

B³

13. (Amended) A nude rodent model for human neoplastic disease, wherein said rodent has histologically intact human neoplastic tissue of at least 1 mm³ in size transplanted onto an organ of said rodent which corresponds to the human organ from which said tissue is originally obtained; and

has sufficient immuno-deficiency to allow said transplanted neoplastic tissue to grow and metastasize, so as to mimic the progression of the neoplastic disease in the human donor.

Please replace presently pending claim 15 with the following claim 15:

B⁴ 15. (Amended) An immunodeficient rodent model for human neoplastic disease, wherein said rodent has histologically intact human neoplastic tissue of at least 1 mm³ in size transplanted onto an organ of said rodent which corresponds to the human organ from which said tissue is originally obtained; and

has sufficient immuno-deficiency to allow said transplanted neoplastic tissue to grow and metastasize, so as to mimic the progression of the neoplastic disease in the human donor.

Please cancel claim 19.

Please replace presently pending claim 20 with the following claim 20:

20. (Amended) A method of generating a nude rodent model for human neoplastic disease, said method comprising:

B⁵ transplanting histologically intact human neoplastic tissue of at least 1 mm³ in size onto an organ of a nude rodent which corresponds to the human organ from which said tissue is originally obtained; and


allowing said transplanted tissue to grow and metastasize, so as to mimic progression of the neoplastic disease in the human donor.

Please replace presently pending claim 22 with the following claim 22:

22. (Amended) A method of generating an immunodeficient rodent model for human neoplastic disease, said method comprising:

B⁶ transplanting histologically intact human neoplastic tissue of at least 1 mm³ in size onto an organ of an immunodeficient rodent which corresponds to the human organ from which said tissue is originally obtained; and

allowing said transplanted tissue to grow and metastasize, so as to mimic progression of the neoplastic disease in the human donor.

 Please cancel claim 26.

Please replace presently pending claims 27-28 with the following claims 27-28:

B⁷ 27. (Amended) A nude rodent model for human neoplastic disease, wherein said rodent has histologically intact human neoplastic tissue transplanted onto an organ of said rodent which corresponds to the human organ from which said tissue is originally obtained; and
has sufficient immuno-deficiency to allow said transplanted neoplastic tissue to grow and metastasize, so as to mimic the progression of the neoplastic disease in the human donor.

28. (Amended) An immunodeficient rodent model for human neoplastic disease, wherein said rodent has histologically intact human neoplastic tissue transplanted onto an organ of said rodent which corresponds to the human organ from which said tissue is originally obtained; and
has sufficient immuno-deficiency to allow said transplanted neoplastic tissue to grow and metastasize, so as to mimic the progression of the neoplastic disease in the human donor.

Please cancel claims 29, 38-41, 50-53 and 62-65.